

**What Is Claimed Is:**

1. A personal watercraft, comprising:

a hull;

a seating assembly;

a four stroke internal combustion engine secured to the hull below the seating assembly, wherein the engine comprises

a crankcase having a crank shaft rotatably mounted therein, wherein the crankcase has a top, a bottom, two sides, and two ends,

a cylinder head connected to the top of the crankcase, wherein the crankcase and the cylinder head form at least one combustion cylinder chamber,

at least one intake valve for each of the combustion cylinder chambers,

at least one exhaust valve for each of the combustion cylinder chambers,

a valve actuation assembly located in the cylinder head for operating the at least one intake valve and the at least one exhaust valve,

at least one air intake passageway operatively coupled to the combustion cylinder chambers through the intake valves,

an air intake manifold connected to the cylinder head and operatively connected to the at least one air intake passageway, and

a supercharger for boosting air to the air intake manifold; and

a propulsion unit operatively coupled to the crankshaft, wherein the propulsion unit is located on one end of the two ends of the crankcase.